Form 3160-10
(October 2003)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

INSPECTION RECORD – DRILLING

Case Number	State	District	Field Area	☐ Detailed ☐ Non-Detailed
Well Name:			Well Number:	
API No:	Location ¼, ¼, S-T-R		Spud Date	Status
Operator/Representative		Rig/Contractor/Representative		

INSP. TYPE	ACT. CODE	INSPECTOR	OPEN DATE	CLOSED DATE	OFFICE TIME	TRAVEL TIME	INSPECT TIME	TRIPS

GENERAL	INSPECTED	NA	VIOLATION
1. Is approved drilling permit and plan on location?	☐	☐	☐
2. Is drill site properly identified?	☐	☐	☐
3. Are operations being conducted in a workmanlike manner? (Detailed list in handbook)	☐	☐	☐
4. Did Operator report all spills?	☐	☐	☐
5. Are drill-stem tests conducted as required?	☐	☐	☐
6. Is hole deviation within approved tolerances?	☐	☐	☐
SURFACE USE			
7. Is surface use in accordance with approved plans?	☐	☐	☐
a. Well site lay-out;	☐	☐	☐
b. Pits, sumps, and other ancillary facilities;	☐	☐	☐
c. Containment and Disposal of solid, liquid, and gaseous wastes;	☐	☐	☐
d. Failure to implement dust control;	☐	☐	☐
e. Failure to obtain prior approval for additional surface disturbances.	☐	☐	☐
BLOWOUT PREVENTER AND ASSOCIATED EQUIPMENT			
8. Is BOP pressure rating and arrangement at least that approved? Rating _____	☐	☐	☐
9. Are choke lines and manifold, kill lines, and fill lines properly installed and operable?	☐	☐	☐
10. Are master controls installed and functional?	☐	☐	☐
a. Remote control on floor?	☐	☐	☐
b. Hand wheels or autolock? (Circle appropriate item)	☐	☐	☐
c. Valve installed in closing line of annular preventer?	☐	☐	☐
11. Is pressure accumulator system adequate to activate BOP? psi rating _____ Fluid volume_____	☐	☐	☐

BLOWOUT PREVENTER AND ASSOCIATED EQUIPMENT (CONTINUED)		INSPECTED	NA	VIOLATION
a. Nitrogen precharge pressure? Date last checked _____		☐	☐	☐
b. Will reservoir hold two times usable fluid volume? _____ gal.		☐	☐	☐
c. Is power available and turned on to the accumulator pumps?		☐	☐	☐
12. Are ram-type preventers tested to stack working pressure if isolated by test plug or 70 percent of internal yield pressure of casing if BOP stack is not isolated from casing? _____ psi test pressure		☐	☐	☐
13. Are annular-type preventers tested to 50 percent of working pressure? _____ psi.		☐	☐	☐
14. Are BOPE tests run and recorded in driller's log? _____ psi.	_____	☐	☐	☐
a. When initially installed?	_____	☐	☐	☐
b. Whenever a seal subject to test pressure is broken?	_____	☐	☐	☐
c. Following related repairs?	_____	☐	☐	☐
d. 30-day intervals?	_____	☐	☐	☐
15. Are BOP drills conducted weekly and recorded in driller's log? Time: _____	_____	☐	☐	☐
16. Is annular preventer activated weekly and recorded in driller's log?	_____	☐	☐	☐
17. Are pipe rams activated each trip and recorded in driller's log?	_____	☐	☐	☐
18. Are blind rams activated each trip?	_____	☐	☐	☐
19. Is the slow pump speed recorded each tour?		☐	☐	☐
20. Are drill string safety valves and/or inside BOP valves readily available?		☐	☐	☐
21. ☐ Is upper Kelly cock installed? ☐ Is lower Kelly cock installed? ☐ Are appropriate Kelly cock wrenches available?		☐	☐	☐
a. BOPE shall be installed, used, maintained and tested in a manner to assure well control and shall be in place prior to drilling the surface casing shoe.		☐	☐	☐
CASING AND CEMENT				
22. Was casing run in accordance with approved APD (size weight grade depth New? ☐ Used ☐)?		☐	☐	☐
23. When surface casing, did cement circulate to surface? If not, was remedial action taken?		☐	☐	☐
a. Centralizers as required?		☐	☐	☐
23. When setting casing, was cement job conducted as approved ☐ Surface ☐ Intermediate ☐ Production ☐ Liner		☐	☐	☐
25. Were all casing strings pressure tested prior to drill out? _____ psi?		☐	☐	☐
a. Was remedial action taken if test indicated need? Action _____		☐	☐	☐
b. Were all pressure tests recorded in driller's log? Date recorded _____		☐	☐	☐
26. Were all waiting on cement (WOC) times adequate to achieve a minimum of 500 psi compressive strength at the shoe?		☐	☐	☐
27. Are casing shoe pressure integrity tests (mud weight equivalency test) performed and recorded in log book? Date recorded_____ Mud Weight _____ Depth _____ Pressure _____		☐	☐	☐
28. All indications of usable water reported to the authorized officer?		☐	☐	☐
29. Are wiper plugs used as required?		☐	☐	☐
MUD PROGRAM				
30. Is mud system in accordance with approved APD?		☐	☐	☐
31. Are appropriate quantities of mud on hand?		☐	☐	☐
32. Is mud monitoring equipment in accordance with approved APD?		☐	☐	☐
a. Electronic/mechanical mud monitoring equipment alarms set and turned on?		☐	☐	☐
33. Is gas detection equipment installed and operational as per APD?		☐	☐	☐
34. Are acceptable well control practices being followed while tripping?		☐	☐	☐
35. Are tourly mud tests (weight & viscosity) recorded in the driller's log?		☐	☐	☐
36. Is flare system installed?		☐	☐	☐

SPECIAL OPERATIONS-AIR/GAS DRILLING			
37. Is rotating head in operating condition?	☐	☐	☐
38. Is the blooie line installed and the pilot light and igniter installed and operating as per the APD?	☐	☐	☐
39. Is deduster equipment installed?	☐	☐	☐
40. Is mud circulation equipment available for rapid use (including mud, reserve pits, and steel tanks)?	☐	☐	☐
41. Are engines equipped with spark arresters or water cooled exhaust?	☐	☐	☐
HYDROGEN SULFIDE OPERATIONS (500' above or 3 days prior to expected H2S)	☐	☐	☐
42. Are the H2S Drilling Operations Plan and Public Protection Plan, if required, available at well site?	☐	☐	☐
43. Are the locations of safe briefing areas as approved, are they designated, and is safe access provided to them?	☐	☐	☐
44. Is a secondary means of egress available and passable?	☐	☐	☐
45. Is required safety equipment for essential personnel available and operable?	☐	☐	☐
a. Portable H2S and SO2 detectors?	☐	☐	☐
b. Self-contained breathing apparatus?	☐	☐	☐
c. Explosion proof ventilation fans?	☐	☐	☐
d. Other equipment as approved in drilling operations plan?	☐	☐	☐
46. Are initial and weekly training and H2S/well control drills held and recorded on the driller's log?	☐	☐	☐
47. Is permanent H2S detection and monitoring equipment installed, tested, operable?	☐	☐	☐
48. Is the wind direction equipment installed and visible?	☐	☐	☐
49. Are the caution/danger signs legible, visible, and posted a safe distance from the location?	☐	☐	☐
50. Are the warning flags, flare gun and flare available?	☐	☐	☐
51. Is the equipment H2S trimmed as required?	☐	☐	☐
52. Is remote kill line installed and tested?	☐	☐	☐
53. Is the flare system designed to safely gather and burn H2S?	☐	☐	☐
a. Is the flare system equipped with a safe and suitable means of ignition?	☐	☐	☐
b. Is the flareline mouth at least 150' from wellbore?	☐	☐	☐
c. If noncombustible gas is to be flared, is supplemental fuel available?	☐	☐	☐
54. Are the mud-gas separator, degassers, and rotating head installed and operational (exploratory wells only)? Are degassers installed and operable?	☐	☐	☐
55. Is the remote controlled choke installed, tested and operable?	☐	☐	☐
56. Is the pH of freshwater mud 10.0 or above unless otherwise approved?	☐	☐	☐
a. Are sufficient quantities of mud additives to scavenge H2S available at the well site (exploratory wells only)?	☐	☐	☐
OTHER			
57. Other special requirements per approved APD and lease terms. ____			
58. Description of operations witnessed. ____			

HIGH PRIORITY INSPECTION REMARKS

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